

Title (en)
IMAGE SENSOR WITH DIGITAL FRAME STORE

Title (de)
BILDSENSOR MIT DIGITALEM BILDSPEICHER

Title (fr)
DETECTEUR D'IMAGE AVEC STOCKAGE DE TRAMES NUMERIQUE

Publication
EP 1597913 A4 20070418 (EN)

Application
EP 04711544 A 20040217

Priority
• AU 2004000182 W 20040217
• AU 2003900746 A 20030217

Abstract (en)
[origin: WO2004073296A1] A monolithic integrated circuit including an image sensor for capturing image information; at least one analog to digital converter for converting analog signals corresponding to the image information into digital image data; and a first framestore for storing frames of the digital image data.

IPC 1-7
H04N 3/15

IPC 8 full level
H04N 3/15 (2006.01); **H04N 5/217** (2006.01)

CPC (source: EP US)
H04N 25/59 (2023.01 - EP US); **H04N 25/75** (2023.01 - EP US)

Citation (search report)
• [XY] EP 1237363 A1 20020904 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• [YA] WO 9817051 A2 19980423 - PHILIPS ELECTRONICS NV [NL], et al
• [X] EP 1278100 A2 20030122 - EASTMAN KODAK CO [US]
• [X] DE 3942615 A1 19900628 - HITACHI LTD [JP]
• [XA] EP 0539897 A2 19930505 - HUGHES AIRCRAFT CO [US]
• See references of WO 2004073296A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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US 2005024510 A1 20050203; US 2005024511 A1 20050203; US 2005024512 A1 20050203; US 2005024524 A1 20050203;
US 2005036039 A1 20050217; US 2005046717 A1 20050303; US 2005046718 A1 20050303; US 2005052556 A1 20050310;
US 2009160986 A1 20090625; US 2010002111 A1 20100107; US 2010302426 A1 20101202; US 7515186 B2 20090407;
US 7567279 B2 20090728; US 7760259 B2 20100720; US 7990450 B2 20110802; US 8023020 B2 20110920; ZA 200506700 B 20070228

DOCDB simple family (application)
AU 2004000182 W 20040217; AU 2003900746 A 20030217; EP 04711544 A 20040217; US 39723009 A 20090303; US 49768809 A 20090705;
US 77805604 A 20040217; US 77805704 A 20040217; US 77805804 A 20040217; US 77805904 A 20040217; US 77806004 A 20040217;
US 77806104 A 20040217; US 77806204 A 20040217; US 77806304 A 20040217; US 83488810 A 20100712; ZA 200506700 A 20050822